



NOTES/SPECIFICATIONS:

1. CIRCULAR CLEAR APERTURE:  $> \phi 45.7\text{mm}$
2. SURFACE QUALITY (S1): 40-20 SCRATCH-DIG
3. SURFACE FLATNESS (S1):  $\lambda/10$  AT 633nm  
(S2): FINE GRIND
4. DIAMETER TOLERANCE:  $\pm 0.1\text{mm}$
5. THICKNESS TOLERANCE:  $\pm 0.2\text{mm}$
6. PARALLELISM:  $< 5\text{arcmin}$
7. COATING (S1): PROTECTED ALUMINUM  
Ravg:  $> 90\%$  FROM 450nm-2 $\mu\text{m}$   
Ravg:  $> 90\%$  FROM 2 $\mu\text{m}$ -20 $\mu\text{m}$   
0° TO 45° AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 <a href="http://www.thorlabs.com">www.thorlabs.com</a> <b>50.8mm PROTECTED ALUMINUM ELLIPTICAL MIRROR</b>	
DRAWN	GG	DATE		
APPROVAL	BW	DATE	25/OCT/17	MATERIAL
COPYRIGHT © 2018 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS				UV GRADE FUSED SILICA ITEM # PFE20-G01 APPROX WEIGHT 76 g
			REV	C